

PRODUCT  
**MDR 1064**

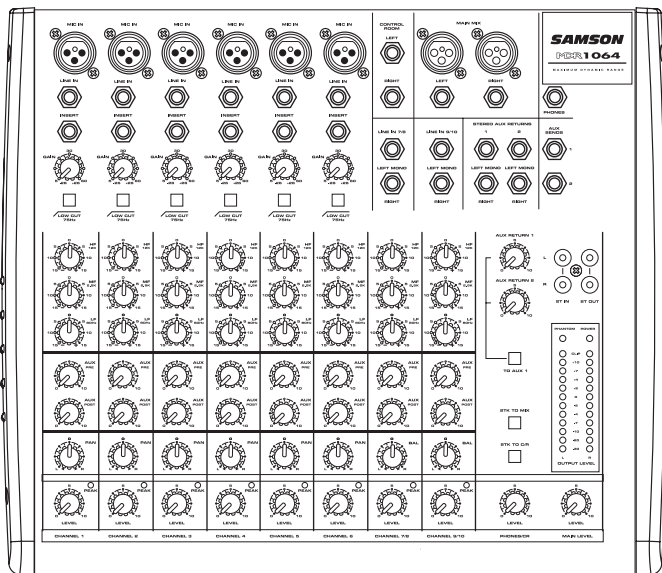
DESCRIPTION  
**MIXER**

SERIES  
**MDR**

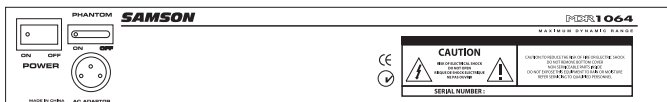
CATEGORY  
**MIXERS**



FRONT PANEL



BACK PANEL



**GENERAL DESCRIPTION**

The MDR1064 is a ten-channel mixer, with six low noise microphone pre-amps. The six Mic/line inputs and two stereo inputs each feature a 3-band equalizer plus two Aux sends. The MDR1064's master section includes two stereo Aux returns and a 2-track Input and Output for the playing back of stereo devices and for recording your mix. Clean, clear sound reproduction with sweet equalization and signal flexible routing in a rugged enclosure, ensure reliable high quality sound from performance to performance. Optimized for recording, live sound reinforcement and commercial installations, the MDR1064 is an ideal mixer solution offering big sound in a compact package.

**FEATURES**

- > Ten Channels – Six Mic/Line plus two Stereo inputs.
- > Flexible design topology ideal for live sound, recording and post production.
- > 2 Track Input and Output allows you to connect a CD, DAT, Cassette, Mini Disk or Computer Sound Card.
- > Three-band channel equalizer, +/-15dB at 80Hz, 2.5 KHz and 12KHz provides precise and musical results in sound shaping.
- > Two Auxiliary Sends for built-in or external effects, on-stage monitor mix, or headphone mixing.
- > Twelve segment LED Meter with VU ballistics displays the main output.
- > High quality, low noise, discrete microphone pre-amplifiers with 48-Volt phantom power, provide Maximum Dynamic Range and transparent audio.
- > Advanced circuit design using discrete components and high quality, low noise op-amps carefully selected at each stage of the signal path.
- > Quality build and rugged construction ensure reliable performance from venue to venue and session to session.
- > Three-year extended warranty.

**PRODUCT SPECIFICATION SHEET**

SERIES  
**MDR**

DESCRIPTION  
**MIXER**

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**MDR 1064 SPECIFICATIONS**

**Mono input channels**

Microphone input..... electronically balanced, discrete input configuration  
 Frequency response ..... 10Hz to 50kHz, +/-0.4 dB  
 Distortion..... (THD & N) 0.007% at 4dBu, 1kHz  
 Gain range ..... 5dB to +60dB (MIC)  
 SNR (Signal to Noise Ratio)... 105dB  
 Line input ..... electronically balanced  
 Frequency response ..... 10Hz to 45kHz  
 Distortion (THD & N)..... 0.01% at 4dBu, 1kHz  
 Sensitivity range ..... -26dBu to +26dBu

**Stereo input Channels**

Line input ..... Balanced  
 Frequency response ..... 10Hz to 50kHz, +/-0.4dB  
 Distortion (THD & N)..... 0.008% at +4dBu, 1kHz

**Impedances**

Microphone input..... 4.5k Ohm  
 Channel Insert return ..... 2.5k Ohm  
 All other inputs ..... 14.8k Ohm or greater  
 Tape out..... 1k Ohm  
 All other output ..... 120 Ohm

**Equalization**

Hi shelving ..... +/- 15dB @12kHz  
 Mid peak..... +/- 15dB @2.5kHz  
 Low shelving..... +/- 15dB @80Hz  
 Low Cut filter..... 75Hz, 18dB/oct.

**Main Mix Section**

Noise (Bus noise)..... Levels full down: -97dB (ref.:+4dBu); Level set to 0 dB: -85dB (ref.:+4dBu)  
 Max output..... +22dBu balanced XLR, 22dBu unbalanced, 1/4" jacks  
 AUX Return gain range ..... ∞ to +15dB  
 AUX Sends max out ..... +22dBu  
 Power Consumption ..... 15W

**Power supply (AC/AC Adaptor)**

Main voltage..... USA/Canada 108 - 132V, 60Hz  
 Europe 210 - 230V, 50Hz  
 U.K./Australia 240V, 50Hz

**Physical**

Net weight ..... 6.8 lb. (3.1Kg)  
 Dimension (W x D x H) ..... 13.5" x 12" x 2.8" (344mm x 304mm x 71mm)

**ARCHITECT'S & ENGINEER'S SPECIFICATIONS**

The Samson MDR1064 shall be a 10 input, stereo output mixer. It shall have 6 mic channels with trim controls, switchable high pass filter, high frequency, mid frequency, and low frequency equalizer controls, 2 aux sends, pan control, level control and LED peak indicators. It shall have 2 line input stereo channels with all the same controls as the mic channels except for the trim,highpass and the pan control will be a stereo balance control. A stereo main output level controls will also be available. A control room and headphone output and level control shall also be provided. The MDR1064 uses an external power supply.

